



### Features:

1. Specially designed for 3G communication system
2. Conforms to Unicom technical standards
3. High rejection
4. High power capability

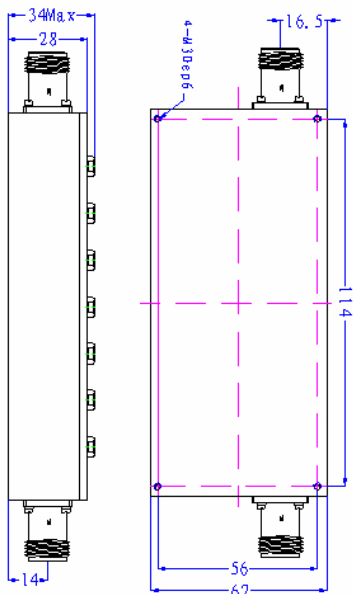
### Application:

WCDMA 3G communication equipment



Cavity Band Pass Filter 1920MHz~1980MHz

### Outline Drawing:



### Technical Specifications:

- |                           |                                               |
|---------------------------|-----------------------------------------------|
| 1. Frequency Range:       | 1920 to 1980MHz                               |
| 2. Insertion Loss:        | 1dB maximum<br>0.8dB typical                  |
| 3. Inband Ripple:         | 0.5dB p-p maximum                             |
| 4. Return Loss:           | 18dB minimum                                  |
| 5. Outband Rejection:     | ≥45dB @ 1900-2000 MHz<br>≥90dB @ 2110-2170MHz |
| 6. Power Handling:        | 100 watts                                     |
| 7. Operating Temperature: | -30 to +75 °C                                 |
| 8. Storage Temperature:   | -40 to +85 °C                                 |
| 9. Operating Humidity:    | 0 to 90%, relative,                           |
| 10. Dimension:            | 140×136×27mm                                  |
| 11. Connectors:           | SMA-female/SMA-female                         |

